



MEMORANDUM

To: Margie C. Rose, City Manager *MR*
From: Mike Markle, Chief of Police *MM*
Date: September 15, 2016
Subject: Rooftop space antenna space lease agreement with One Shoreline Plaza

Brief Description:

Motion authorizing the City Manager or his designee to renew a lease agreement with One Shoreline Plaza, LLC, for ten years with an optional extended term of ten years and approving monthly lease payments of \$13,040 per month with annual rent increase of 3%, for rooftop space and equipment room necessary to support the public safety communications system.

Background:

The 800 Mhz public safety radio system was engineered, designed, and purchased in 1988/1989 under the 1986 bond program at a purchase price of \$1.5 million. It was implemented in December 1990. At the time it was engineered with the capability of supporting all of the mobile communication requirements of the City as well as other agencies who would like to participate. In March 1992, the City entered into an interlocal agreement with the Regional Transportation Authority to share administration, maintenance, and expansion of the radio system. In January 1994, the City entered into an interlocal agreement with Nueces County to participate in the administration, maintenance, and expansion of the radio system. Since these original agreements, 9 other regional agencies have chosen to participate bringing the total number of radios to over 3,000 on the system. Each of these agencies share in the infrastructure cost of the system (tower rental for two towers, utility usage at the sites, software maintenance/upgrades) and radio maintenance based on the number of radios they are using on the system. They are billed quarterly from City Finance and this is returned as a revenue to support the system.

The City of Corpus Christi public safety communications system operates with two radio towers, on top of One Shoreline Plaza and near Robstown on the KRIS Tower. Two sites are necessary to give the 98% coverage that was determined through engineering studies and thus required of the vendors who responded to the original bid proposals in 1988. This site has proven to be an effective location for the Public Safety Radio System currently in use by the City, the RTA, Nueces County and various other Public Safety entities. The City has had an agreement with One Shoreline Plaza since 1990. This agreement is for ten years from March 1, 2016 with an option to extend for ten years (5 options of two years each).

Since 1990 implementation, the City has completed numerous upgrades including the establishment of interoperability allowing our department to communicate with the other regional agencies on the system. The

majority of this funding has been provided by the Federal Department of Homeland Security in their effort to establish Project 25 (P25) compliance with enables interoperability among digital two-way land mobile radio communications products.

Plans for the radio system in the future entail complete replacement of the analog backbone system to an upgraded P25 digital enhanced system. The cost will be shared among the owners of the radio system via their quarterly billing based on the number of radios they are using on the system. Additionally, all public safety radios will be replaced. We have a regional Radio System Advisory Committee that has been working on this project for the past 2 years as we must ensure the rural users have the correct equipment for the changeover.